

ARNOLD & PORTER LLP



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November 22, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Application No. 10/668,240  
Filed: September 24, 2003  
Title: Coordinated Decrease and Increase of Gene Expression of  
More Than One Gene Using Transgenic Compounds  
Applicants: Alison VAN EENENNAAM *et al.*  
Atty. Docket: 16517.265

Sir:

The following documents are forwarded herewith for appropriate action by the U.S.  
Patent and Trademark Office (PTO):

1. an Information Disclosure Statement;
2. a Form PTO-1449 (including 22 references); and
3. a return postcard.

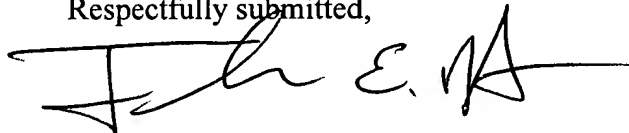
Please stamp the attached postcard with the filing date of these documents and return it to  
our courier.

Applicants request that the following fees be charged to Deposit Account No. 50-2387  
referencing docket number 16517.265:

\$ 180.00 Information Disclosure Fee

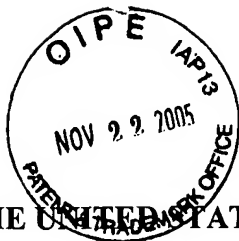
Applicants do not believe any fees, other than the Information Disclosure fee (\$180.00), are due in conjunction with this filing. However, if any additional fees are required in the present application, including any fees for extensions of time, then the Commissioner is hereby authorized to charge such fees to Arnold & Porter LLP Deposit Account No. 50-2387 referencing matter number 16517.265. A duplicate copy of this letter is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "D. R. Marsh" followed by "T. E. Holsten". The signature is stylized and fluid.

David R. Marsh (Reg. Attorney No. 41,408)  
Thomas E. Holsten (Reg. Attorney No. 46,098)

Enclosures



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Group Art Unit: 1638

Alison VAN EENENNAAM *et al.*

Examiner: Elizabeth McElwain

Appln. No.: 10/668,240

Confirmation No.: 1831

Filed: September 24, 2003

Atty. Docket: 16517.265

For: Coordinated Decrease and Increase of  
Gene Expression of More than One  
Gene Using Transgenic Compounds

**Information Disclosure Statement**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

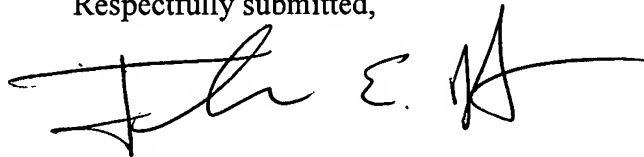
The attention of the Examiner is invited to the documents listed on the attached Form PTO-1449. Copies of the listed documents are submitted herewith.

It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

**Certification and/or Fee**

Because this Information Disclosure Statement is being submitted after issuance of the first action on the merits of the above-captioned application, a fee of \$180.00 is due pursuant to 37 C.F.R. § 1.17(p). Authorization to charge the official fees for this filing is given in the accompanying transmittal letter.

Respectfully submitted,

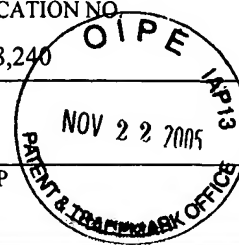
The image shows two handwritten signatures in black ink. The first signature is on the left, followed by the initials "E." and then a second, more stylized signature on the right.

David R. Marsh (Reg. Attorney No. 41,408)  
Thomas E. Holsten (Reg. Attorney No. 46,098)

Date: November 22, 2005

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 16517.265	APPLICATION NO. 10/668,240
	APPLICANTS Alison VAN EENENNAAM <i>et al.</i>	
	FILING DATE September 24, 2003	GROUP 1638



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
GA1	5,850,026	12/1998	Debonte <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
GB1	WO 93/11245 A1	06/1996	WIPO			Yes No
GC1	WO 94/11516 A1	05/1994	WIPO			Yes No
GD1	WO 98/30083 A1	07/1998	WIPO			Yes No
GE1	WO 99/64579 A2	12/1999	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

GF1	Clark-Walker, G.D., et al., "Location of Transcriptional Control Signals and Transfer RNA Sequences in <i>Torulopsis glabrata</i> Mitochondrial DNA", <i>Embo (European Molecular Biology Organization) journal</i> , 4(2):465-473 (1985)
GG1	Database EM_GSS 'Online! EMBL Heidelberg, Germany; AC AL071390, 29 May 1999, GENOSCOPE: "Drosophila melanogaster genome surface sequence TET3 end of BAC: BACR32MO5", XP002163063, abstract
GH1	DATABASE EMPLN 'Online! EMBL Heidelberg, Germany; AC/ID AC004705, 21 May 1998, LIN X et al.: "Sequence and analysis of chromosome 2 of the plant <i>Arabidopsis thaliana</i> " XP002163064", abstract
GI1	DATABASE EM_GSS 'Online! EMBL Heidelberg, Germany; AC AL105179, 26 July 1999, GENOSCOPE: "Drosophila melanogaster genome survey sequence T7 end of BAC: BACN13A12" XP002163065, abstract
GJ1	DATABASE EM-NEW 'Online! EMBL Heidelberg, Germany; AC/ID AB022220, 15 January 1999, Sato S. et al.: "Arabidopsis thaliana genomic DNA, chromosome 3, P1 clone: MLN21" XP002163066, abstract
GK1	DATABASE EM_GSS 'Online! EMBL Heidelberg, Germany; AC AL069706, 29 May 1999, GENOSCOPE: "Drosophila melanogaster genome survey sequence T7 end of BAC: BACR29B23" XP002163067, abstract
GL1	DATABASE EM_GSS 'Online! EMBL Heidelberg, Germany; AC AL063932, 29 May 1999, GENOSCOPE: "Drosophila melanogaster genome survey sequence TET3 end of BAC: BACR8010" XP002163068, abstract
GM1	DATABASE EM_GSS 'Online! EMBL Heidelberg, Germany; AC AL108811, 26 July 1999, GENOSCOPE: "Drosophila melanogaster genome survey sequence SP6 end of BAC BACN37D10" XP002163069, abstract

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO.	APPLICATION NO.
		16517.265	10/668,240
		APPLICANTS	
		Alison VAN EENENNAAM <i>et al.</i>	
		FILING DATE	GROSS & TRADEMARK OFFICE
		September 24, 2003	1638
	GN1	DATABASE EM_NEW 'Online! EMBL Heidelberg, Germany; AC/ID AB026636, 7 May 1999, Sato S. et al.: "Arabidopsis thaliana genomic DNA, chromosome 3, TAC clone: K14A17", XP002163070, abstract	
	GO1	DATABASE EMEST_PLN 'Online! EMBL Heidelberg, Germany; AC/ID AW397948, 8 February 2000, Shoemaker R. et al.: "Public soybean EST project", XP002163071, abstract	
	GP1	DATABASE EMPLN 'Online! EMBL Heidelberg, Germany; AC AL161581, 15 March 2000, Weichselgartner M. et al.: "Arabidopsis thaliana chromosome 4, contig fragment No. 77", XP002163072, abstract	
	GQ1	International Search Report mailed April 9, 2004, issued in PCT/US03/19445	
	GR1	International Search Report mailed April 26, 2001, issued in PCT/US00/22613	
	GS1	Lee, Y., et al., "Antisense Expression of the CK2 $\alpha$ -Subunit Gene in Arabidopsis. Effects on Light-Regulated Gene Expression and Plant Growth", <i>Plant Physiology</i> , 119:989-1000 (1999)	
	GT1	Lewin, B., "How Did Interrupted Genes Evolve?", <i>Genes</i> , 2 <sup>nd</sup> Edition, pages 333-337	
	GU1	Okuley, J., <i>et al.</i> , "Arabidopsis FAD2 Gene Encodes the Enzyme that is Essential for Polyunsaturated Lipid Synthesis", <i>The Plant Cell</i> , 6:147-158 (1994)	
	GV1	Qing, L., Thesis, "The Isolation and Characterisation of Fatty Acid Desaturase Genes in Cotton", University of Sydney, Australia, pages ii-iv, 24-26, 121-123, 142, 167-168, 172-174, 179-181 (1998)	

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